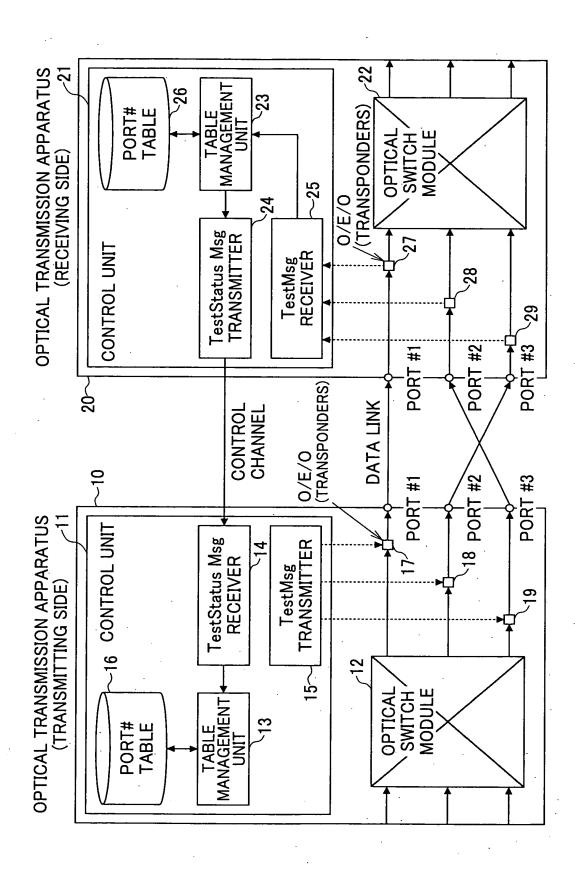
FIG. 1



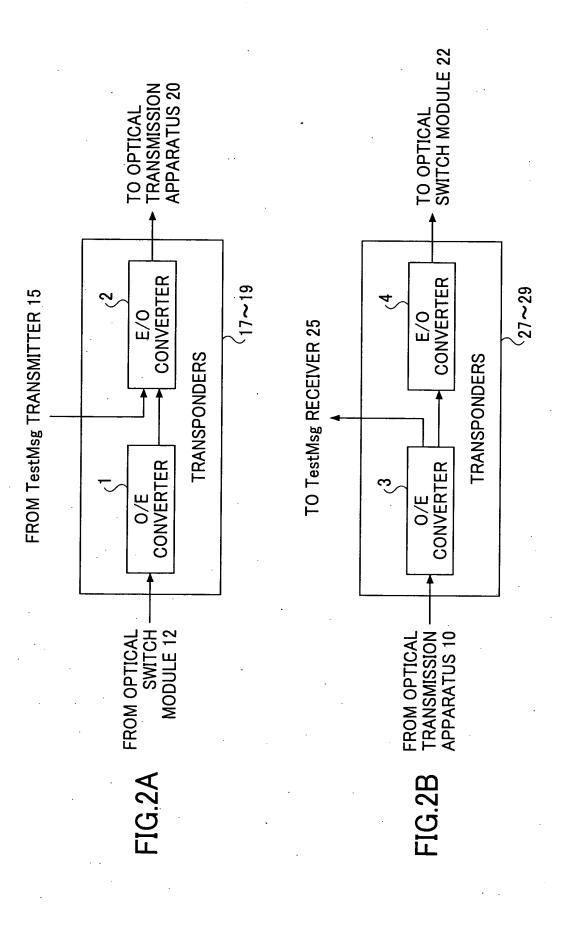


FIG.3

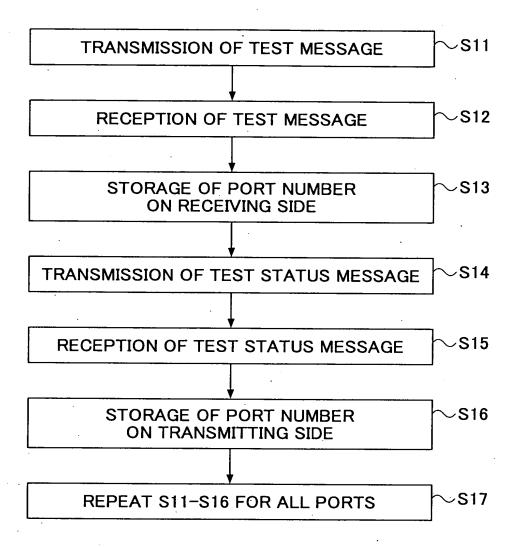


FIG.4A

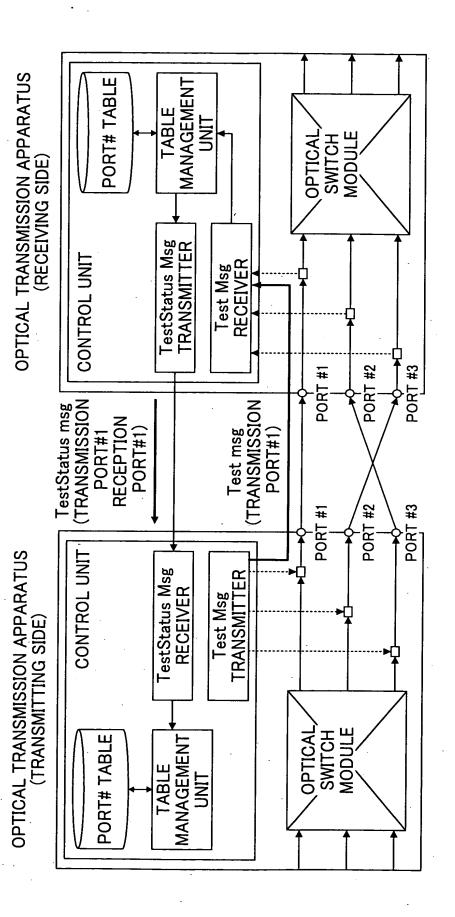


FIG.4B

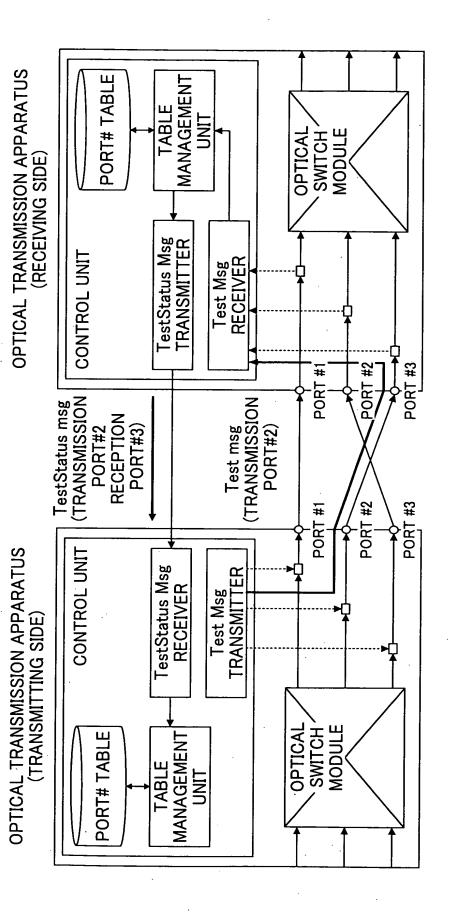
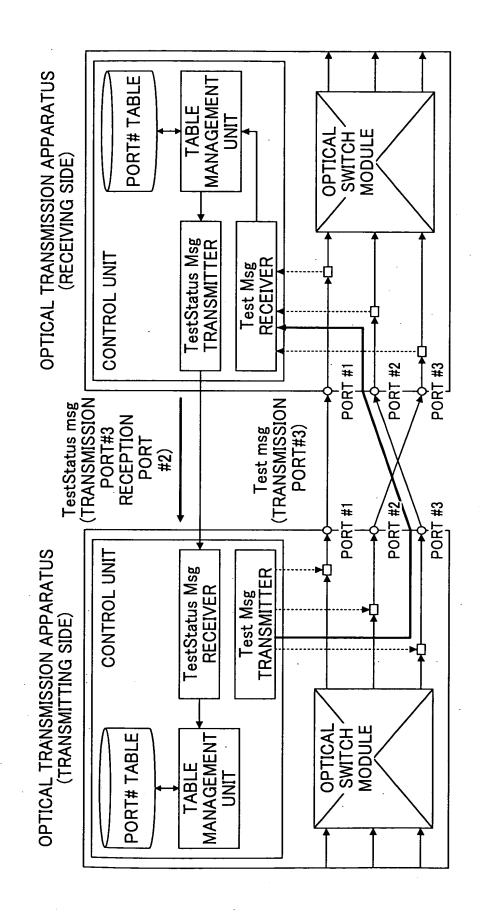


FIG.4C



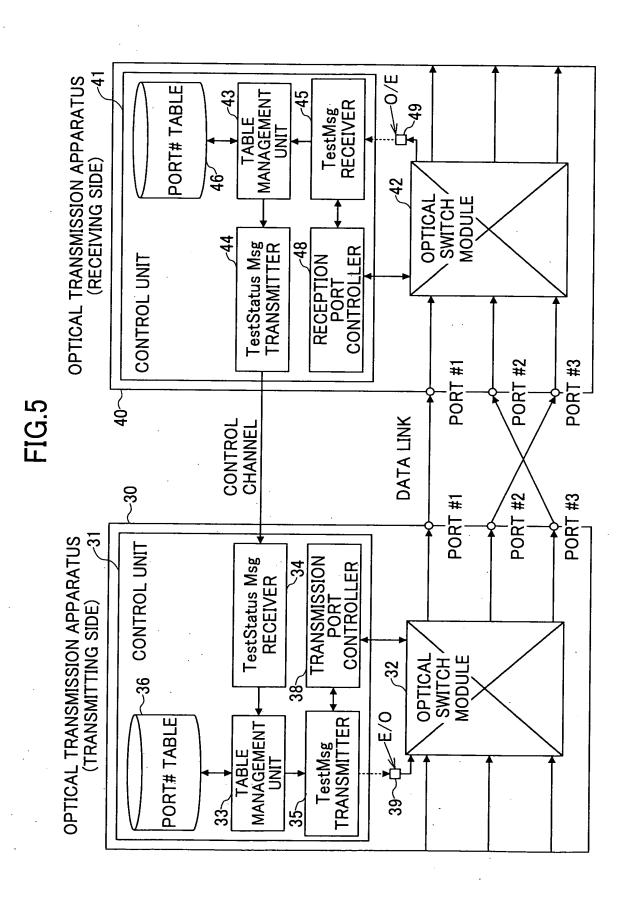


FIG.6

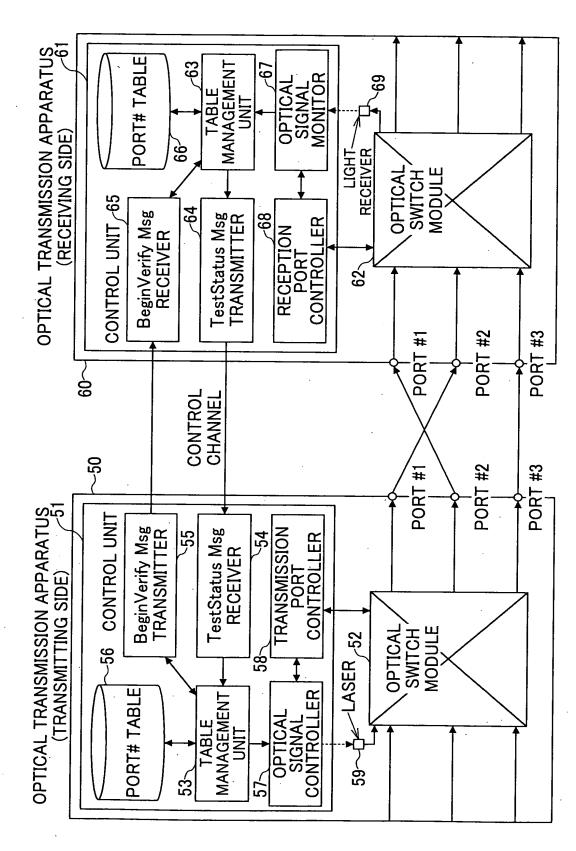


FIG.7

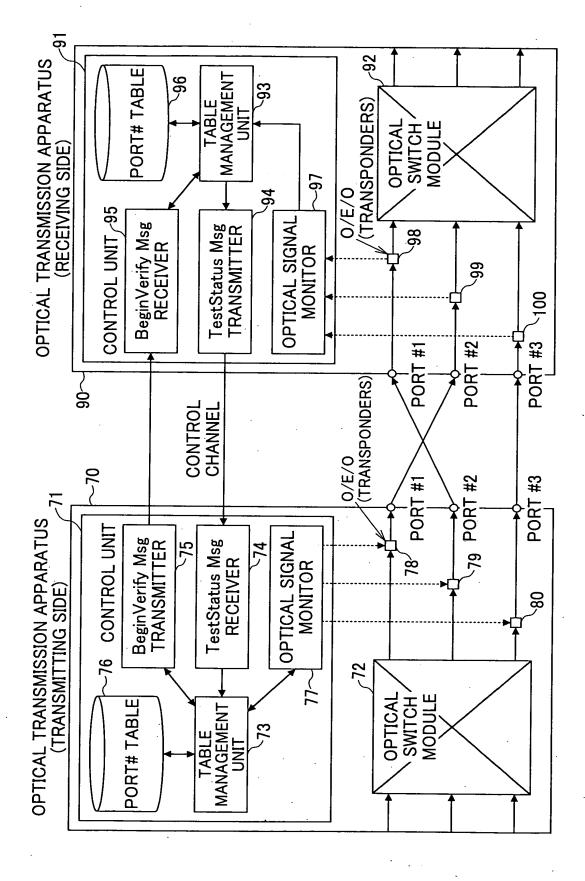


FIG.8

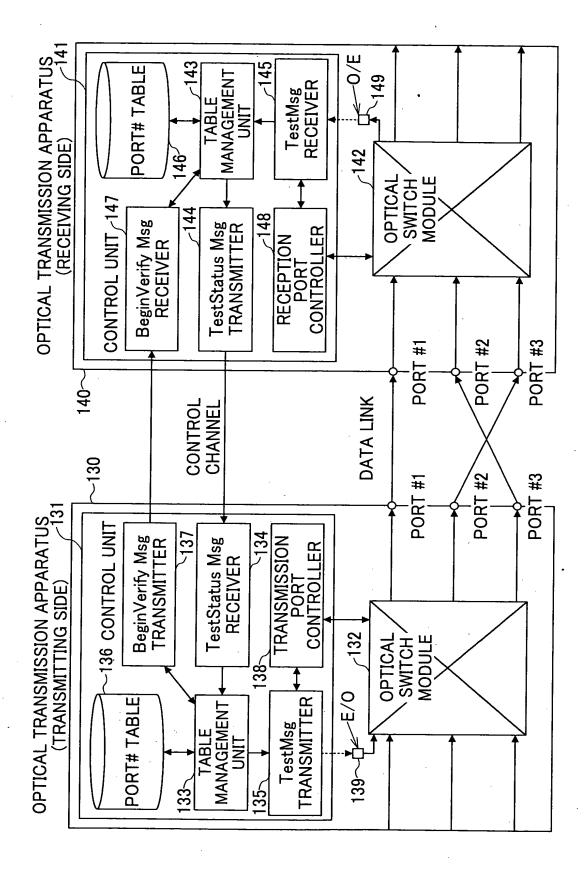


FIG.9

DESTINATION ADDRESS	\sim 101
SOURCE ADDRESS	\sim 102
MSG TYPE: TEST STATUS	\sim 103
TRANSMISSION PORT#	\sim 104
RECEPTION PORT#	\sim 105

FIG.10

DESTINATION ADDRESS	\sim 111
SOURCE ADDRESS	\sim 112
MSG TYPE:TEST	\sim 113
TRANSMISSION PORT#	\sim 114

FIG.11

DESTINATION ADDRESS	\sim 121
SOURCE ADDRESS	\sim 122
MSG TYPE: BEGIN VERIFY	\sim 123
TRANSMISSION PORT#	\sim 124

FIG.12A

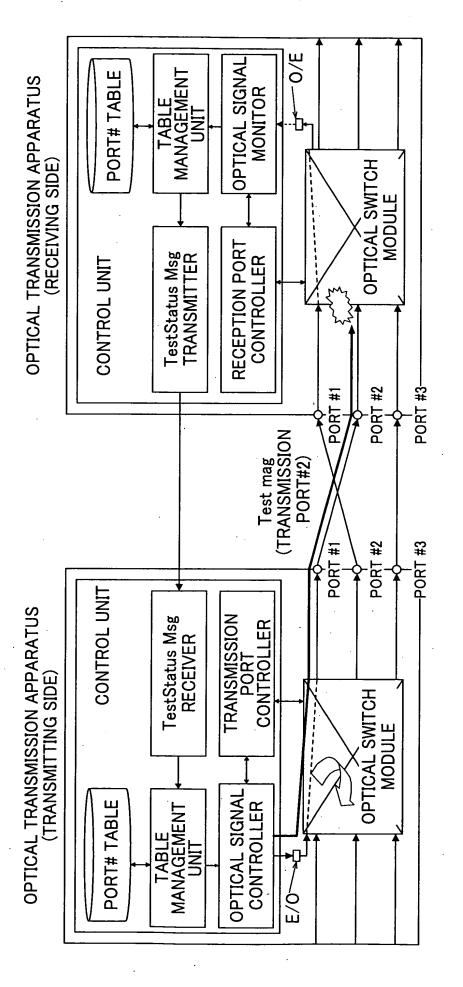


FIG.12B

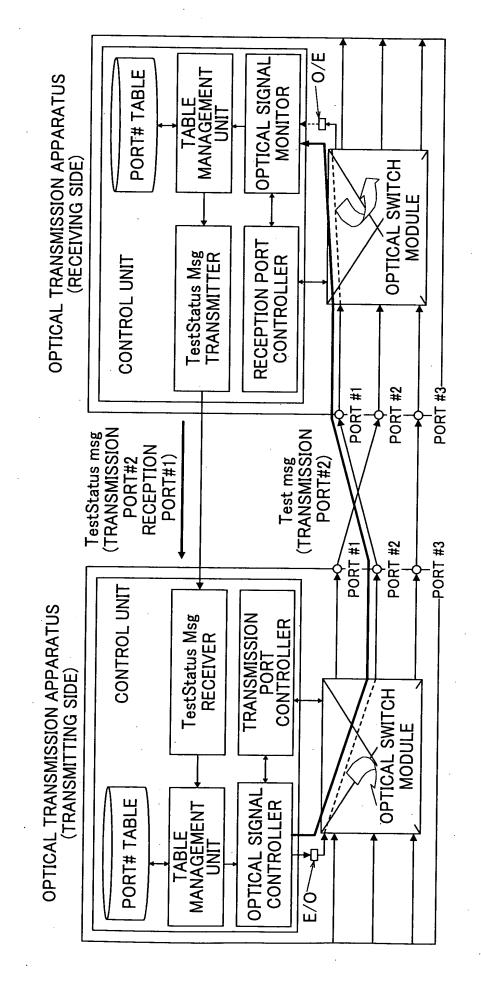


FIG.12C

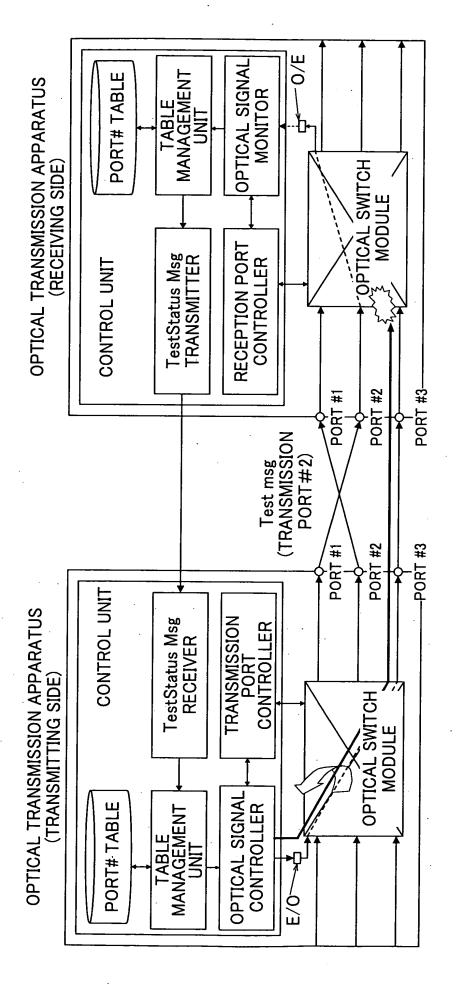


FIG.12D

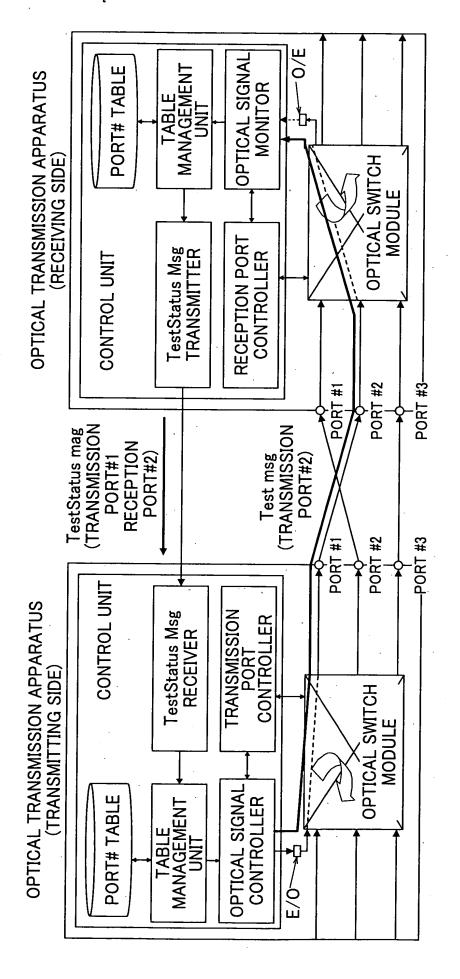
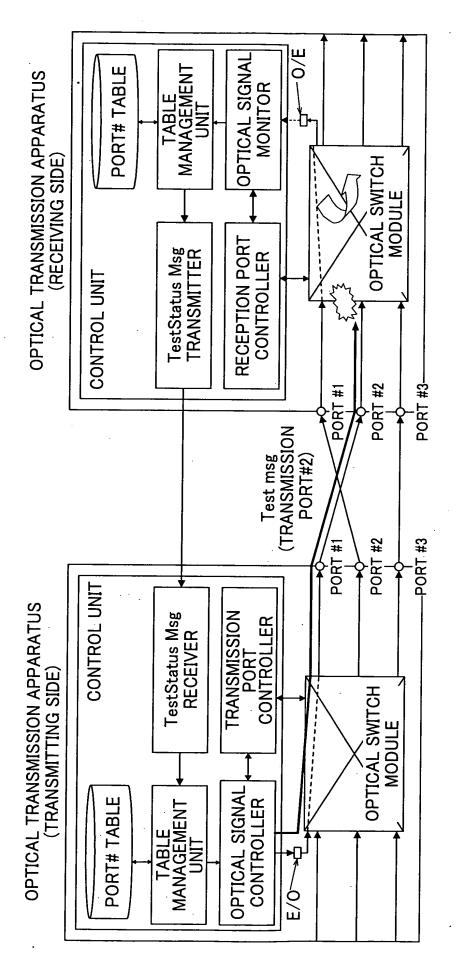


FIG.13A



0/E **OPTICAL SIGNA** TABLE MANAGEMENT UNIT PORT# TABLE **OPTICAL TRANSMISSION APPARATUS** MONITOR (RECEIVING SIDE) **OPTICAL SWITCH** MODULE RECEPTION PORT TestStatus Msg TRANSMITTER CONTROLLER CONTROL UNIT PORT #2 PORT #3 PORT #1 TestStatus msg (TRANSMISSION (TRANSMISŠION PORT#2 RECEPTION Test msg PORT#2) PORT#1) PORT #2 PORT #1 PORT #3 CONTROL UNIT TRANSMISSION PORT CONTROLLER **OPTICAL TRANSMISSION APPARATUS** TestStatus Msg RECEIVER (TRANSMITTING SIDE) OPTICAL SWITCH MODULE OPTICAL SIGNAL PORT# TABLE CONTROLLER MANAGEMENT UNIT TABLE E/0

FIG.13B

FIG.13C

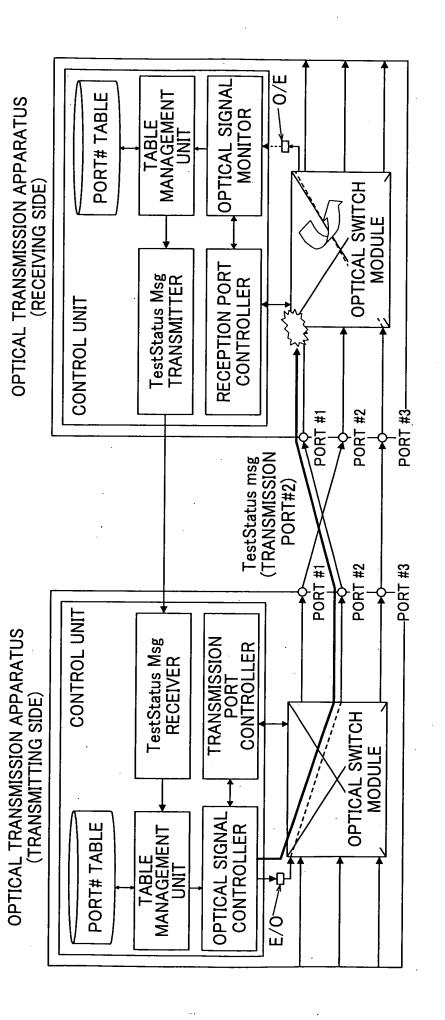


FIG. 13D

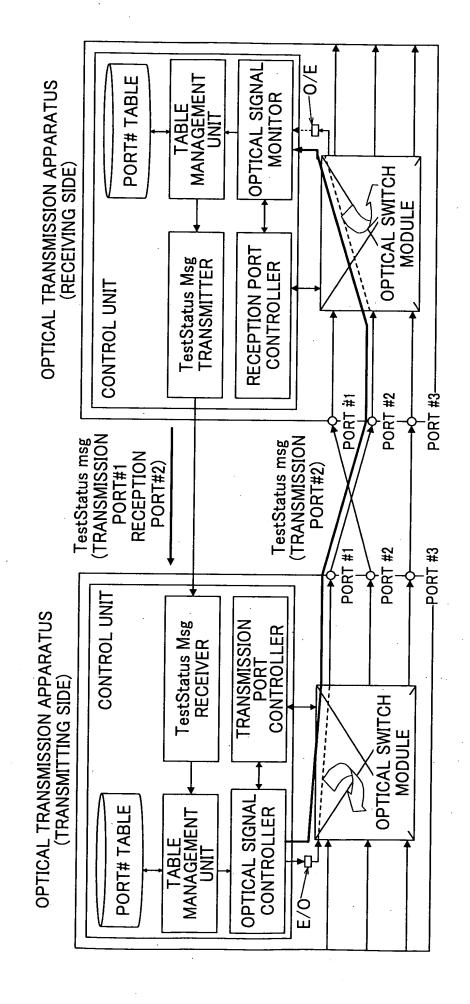


FIG.14A

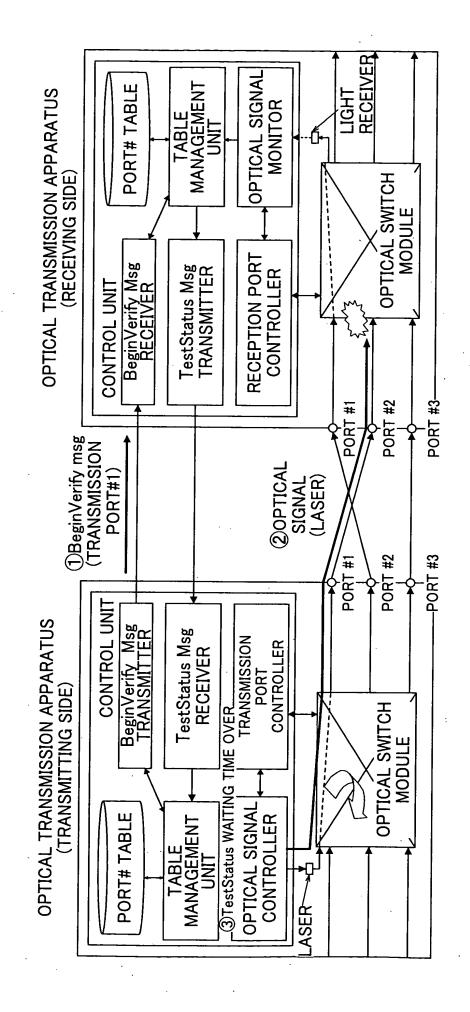


FIG.14B

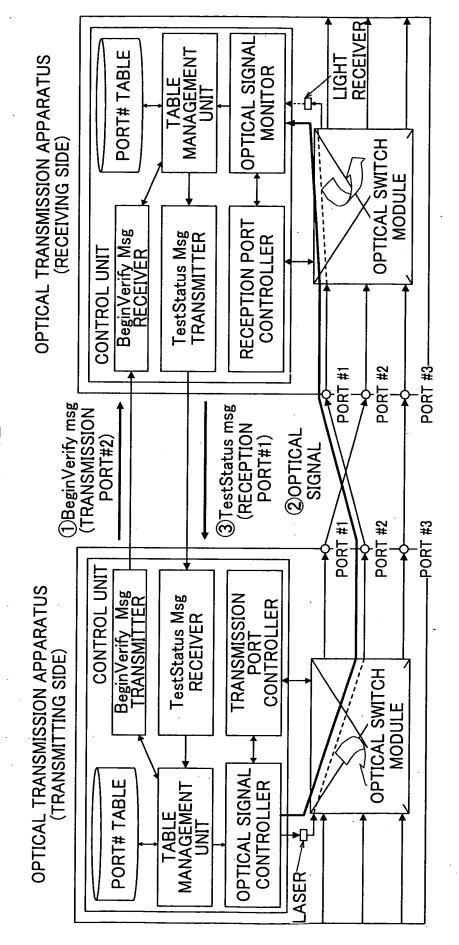


FIG.14C

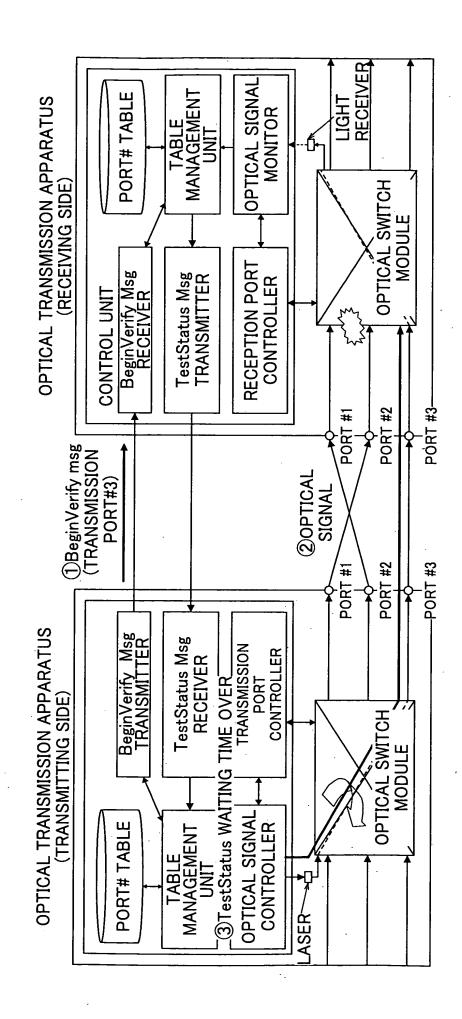


FIG.14D

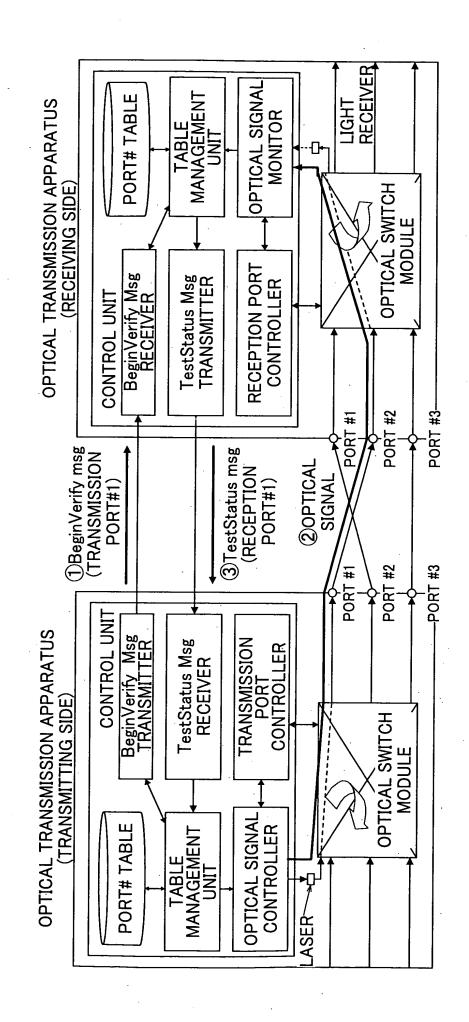


FIG.15A

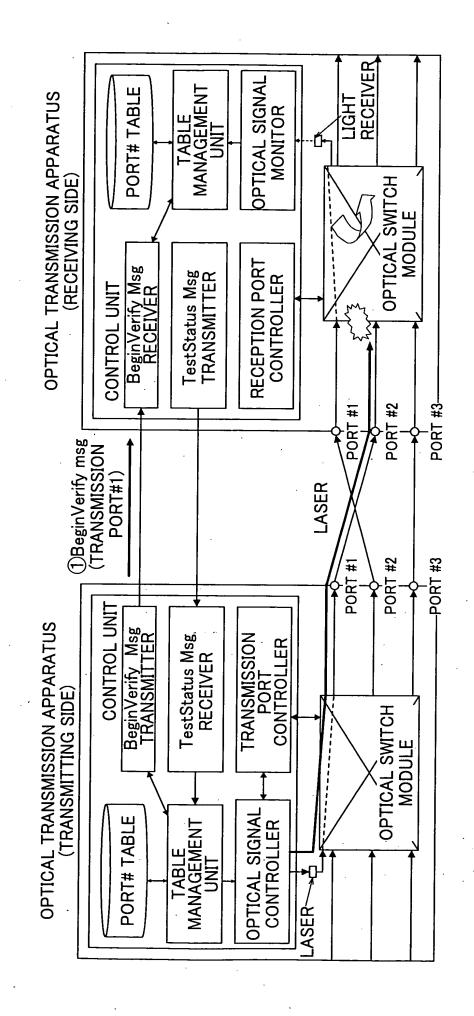


FIG.15B

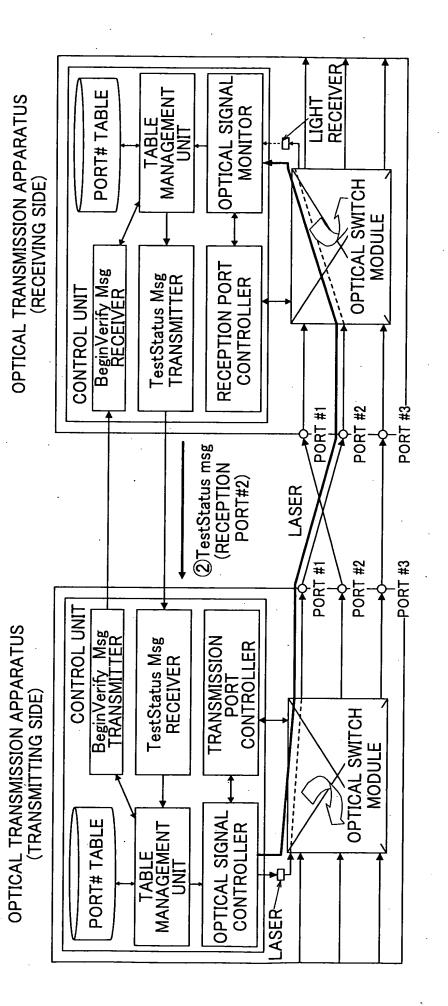


FIG. 15C

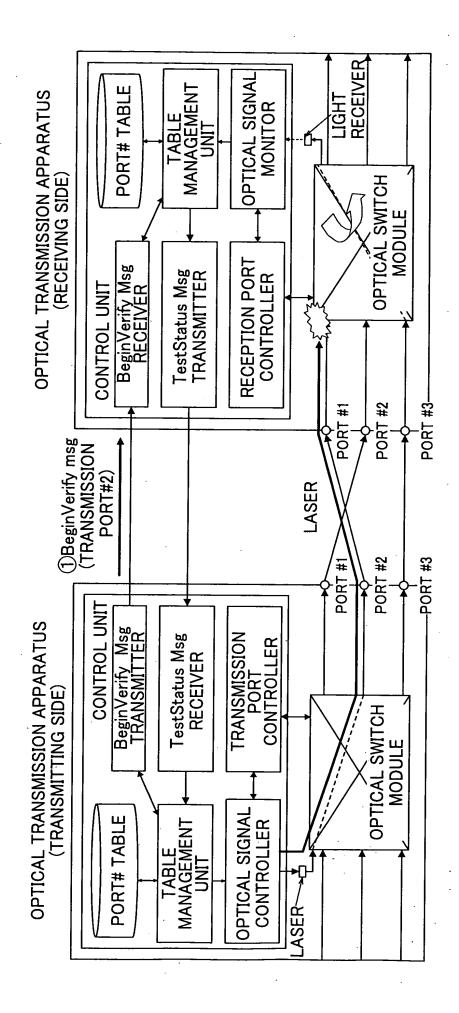


FIG.15D

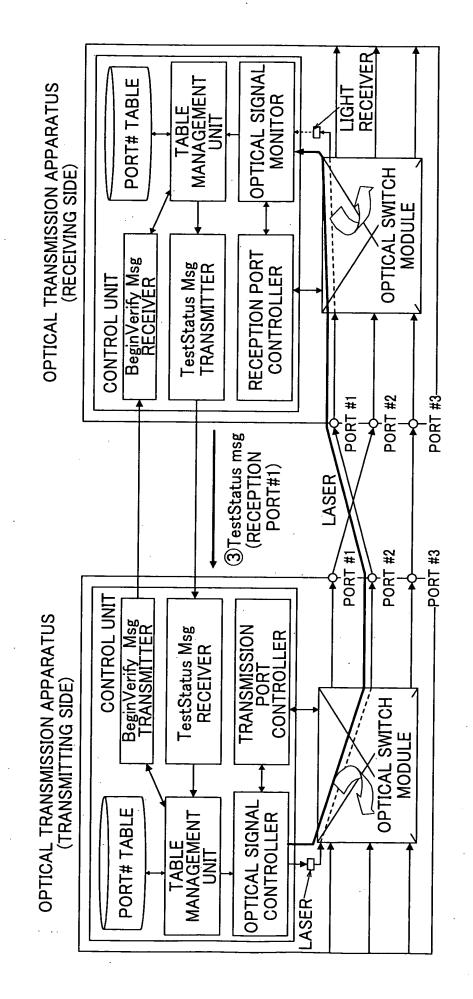


FIG.16A

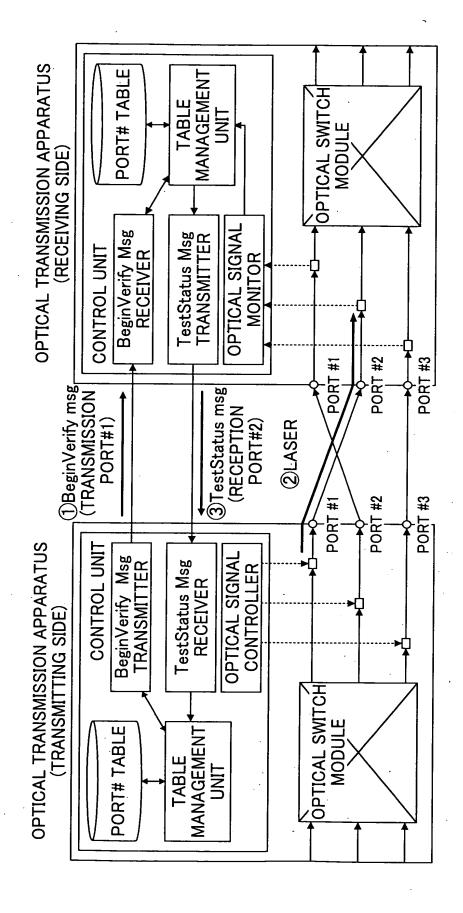


FIG. 16B

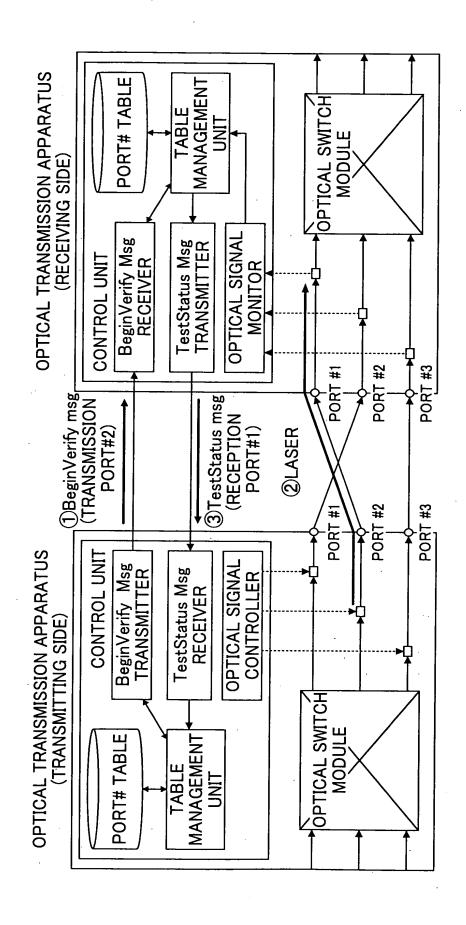


FIG.16C

